

CONNECTICUT RIVER BASIN

01188090 FARMINGTON RIVER AT UNIONVILLE, CT--Continued

WATER-QUALITY RECORDS

PERIOD of RECORD.--Water years 1977-80, 1984 to current year.

REMARKS.--Water-quality records for this site published under station 01188085 from water year 1984 to water year 1990.

WATER-QUALITY DATA, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

Date	Time	DIS-CHARGE, INST. CUBIC FEET PER SECOND (00061)	SPE-CIFIC CON-DUCT-ANCE (US/CM) (00095)	PH WATER WHOLE FIELD (STAND-ARD) UNITS (00400)	TEMPER-ATURE AIR (DEG C) (00020)	TEMPER-ATURE WATER (DEG C) (00010)	TUR-BID-ITY (NTU) (00076)	OXYGEN, DIS-SOLVED (MG/L) (00300)	OXYGEN, DIS-SOLVED SATUR-ATION (00301)	FECAL COLI-FORM, MFC MF, WATER (COL/100 ML) (31616)	ENTERO-COCCI, MEI MF, WATER (COL/100 ML) (90909)	HARD-NESS TOTAL (MG/L) AS CAC03 (00900)	CALCIUM DIS-SOLVED (MG/L) AS CA (00915)
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OCT	15...	1130	190	128	7.7	18.5	16.0	.98	10.2	104	254k	508	29	7.70
JAN	15...	1010	134	148	7.1	4.5	1.5	1.3	13.8	99	4k	11k	30	7.75
APR	24...	0950	305	126	7.2	13.5	8.5	1.1	12.9	109	16k	6k	26	6.59
JUL	08...	1145	204	117	7.3	29.0	20.0	.76	10.1	111	36	140	23	6.20

Date	MAGNE-SIUM, DIS-SOLVED (MG/L) AS MG (00925)	SODIUM, DIS-SOLVED (MG/L) AS NA (00930)	POTAS-SIUM, DIS-SOLVED (MG/L) AS K (00935)	CAR-BONATE WATER DIS IT FIELD MG/L AS CO3 (00452)	BICAR-BONATE WATER DIS IT FIELD MG/L AS HCO3 (00453)	ALKA-LINITY WAT DIS TOT IT FIELD MG/L AS CAC03 (39086)	SULFATE DIS-SOLVED (MG/L) AS SO4 (00945)	CHLO-RIDE, DIS-SOLVED (MG/L) AS CL (00940)	FLUO-RIDE, DIS-SOLVED (MG/L) AS F (00950)	SILICA, DIS-SOLVED (MG/L) AS SI02 (00955)	SOLIDS, RESIDUE AT 180 DEG. C DIS-SOLVED (MG/L) (70300)	SOLIDS, RESIDUE AT 105 DEG. C, TOTAL (MG/L) (00500)	NITRO-GEN, NITRITE DIS-SOLVED (MG/L) AS N (00613)
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OCT	15...	2.36	12.3	1.24	0	22	18	6.3	22.0	E.1	2.77	76	74	<.008
JAN	15...	2.47	14.8	1.31	0	20	16	6.4	26.1	E.1	5.10	86	86	.018
APR	24...	2.25	11.5	1.04	0	16	13	6.8	20.9	<.1	4.84	77	75	.013
JUL	08...	1.89	11.0	.92	0	18	15	6.2	19.1	E.1	2.81	66	70	<.008

Date	NITRO-GEN, NO2+NO3 DIS-SOLVED (MG/L) AS N (00631)	NITRO-GEN, AMMONIA DIS-SOLVED (MG/L) AS N (00608)	NITRO-GEN, AM-MONIA + ORGANIC TOTAL (MG/L) AS N (00625)	NITRO-GEN, AM-MONIA + ORGANIC DIS. (MG/L) AS N (00623)	NITRO-GEN, TOTAL (MG/L) AS N (00600)	PHOS-PHORUS TOTAL (MG/L) AS P (00665)	PHOS-PHORUS DIS-SOLVED (MG/L) AS P (00666)	ORTHO-PHOS-PHATE, DIS-SOLVED (MG/L) AS P (00671)	ALUM-INUM, DIS-SOLVED (UG/L) AS AL (01106)	ANTI-MONY, DIS-SOLVED (UG/L) AS SB (01095)	BARIUM, DIS-SOLVED (UG/L) AS BA (01005)	BERYL-LIUM, DIS-SOLVED (UG/L) AS BE (01010)	CADMIUM DIS-SOLVED (UG/L) AS CD (01025)
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OCT	15...	.17	<.04	.21	.19	.38	.021	.011	<.02	8	.05	15	<.06	<.04
JAN	15...	.37	E.03	.21	.19	.58	.022	.017	E.01	9	E.04	15	<.06	<.04
APR	24...	.14	<.04	.22	.21	.35	.019	.010	<.02	14	.23	12	<.06	<.04
JUL	08...	.06	<.04	.19	.15	.25	.017	.012	<.02	20	.06	12	<.06	<.04

Date	CHRO-MIUM, DIS-SOLVED (UG/L) AS CR (01030)	COBALT, DIS-SOLVED (UG/L) AS CO (01035)	COPPER, DIS-SOLVED (UG/L) AS CU (01040)	IRON, DIS-SOLVED (UG/L) AS FE (01046)	LEAD, DIS-SOLVED (UG/L) AS PB (01049)	MANGA-NESE, DIS-SOLVED (UG/L) AS MN (01056)	MOLYB-DENUM, DIS-SOLVED (UG/L) AS MO (01060)	NICKEL, DIS-SOLVED (UG/L) AS NI (01065)	SILVER, DIS-SOLVED (UG/L) AS AG (01075)	ZINC, DIS-SOLVED (UG/L) AS ZN (01090)	URANIUM NATURAL DIS-SOLVED (UG/L) AS U (22703)	CARBON, ORGANIC TOTAL (MG/L) AS C (00680)
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OCT	15...	<.8	.03	.9	85	.09	7.3	E.1	.22	<1	<1	<.02	4.1
JAN	15...	<.8	.03	.6	102	.11	7.8	E.1	.25	<1	2	E.02	3.2
APR	24...	<.8	.06	.8	119	.16	12.7	E.1	.32	<1	3	.03	2.9
JUL	08...	<.8	.04	.7	119	.12	6.4	E.2	.26	<1	1	.03	4.2

Value qualifier codes used in this report:

k -- Counts outside acceptable range

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Lake Baikal, located in the south-central part of Siberia is the deepest lake in the world at 5,712 feet in depth.